

GIUTSKII, M. YA.

Textile Factories - Air Conditioning

Improved air-conditioning apparatuses.

Tekst. prom., 12, no. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

SLUTSKIY, M.Ye; YAKOVLEV, O.N.; ANDREYEV-RYBAKOV, L.I.; ROMANOVSKIY,  
V.P., kandidat tekhnicheskikh nauk, dotsent, redaktor; LEVINSON,  
Ye.M., inzhener, redaktor; NIKITIN, P.S., inzhener, redaktor;  
SOKOLOVA, L.V., tekhnicheskiy redaktor.

[Electromagnetic stamping presses] Elektromagnitnye shtampovo-  
chnye pressy. Pod obshchei red. V.P. Romanovskogo. Moskva, Gos.  
nauchnlo-tekhn.izd-vo mashinostroit.lit-ry, 1955. 21 p.  
(Bibliotekha shtampovshchika no.11) [Microfilm] (MLRA 8:10)  
Sheet metal work) (Magnetolectric machines)

SLUTSKIY, M. Ye., Cand Med Sci -- (diss) "Clinical pharmacology of ouphyllin (effect upon the cardiovascular system, respiration, and diuresis)." Mos, 1957. 16 pp (Min of Health RSFSR, Central Inst for the Advanced Training of Physicians), 200 copies (KL, 52-57, 112)

- 127 -

USSR / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42397.

Author : Meshcheryakova, A. V.; Slutskiy, M. Ye.; Khody-Zade, M. Kh.; Kechker, M. I.

Inst : Not Given.

Title : Euphylline in the Therapy of Coronary Insufficiency.

Orig Pub: Terapevt. arkhiv, 1957, 29, No 11, 14-23.

Abstract: The status of the circulation and of the contractile function of the myocardium under the action of euphylline (I) therapy was investigated in 55 patients with chronic coronary insufficiency. Because of side-effects I therapy had to be discontinued in 17 patients. In 14 patients, injection of I decreased the frequency of attacks of angina, the intensity and duration of the anginal pains and produced improvement in the objective findings.

Card 1/2

33

USSR/Pharmacology and Toxicology. Analeptics

V-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, № 4/163

Author : Slutskiy M.Ye.

Inst : -

Title : On the Diuretic Effect of Euphyllin

Orig Pub : Klinich. meditsina, 1957, 35, No 3, 56-62

Abstract : The diuretic effect of Euphyllin (E) was studied on 29 patients with symptoms of insufficiency of circulation of the IIB and III stages. E was administered for 2-3 days with intervals of 2-3 days. The best diuretic effect was obtained by intravenous introduction of E in a dose of 0.48 g. Intramuscular administrations of E in a dose of 0.24-2.48 g., despite the addition of 2% novocain solution, were sharply painful and did not produce an increase of diuresis. Administration of E in a form of suppositories of 0.4-0.5 g. per day produced an unstable and not clearly marked diuretic action. With simultaneous administration of digitalis, the diuretic effect of E is stronger. In 17 of 21 patients re-

Card : 1/2

SLUTSKIY, Mark Yefimovich; DANILYAK, I.G., red.; ZUYEVA, N.K., tekhn.red.

[Euphyllin] Eufillin. Moskva, Gos.izd-vo med.lit-ry, 1960.  
114 p. (MIRA 13:10)  
(AMINOPHYLLINE)

SLUTSKIY, M.Ye.

Supplementary data on the study of the pharmacodynamic properties of euphyllin in clinical treatment of internal diseases. Nauch. rab. asp. i klin. ord. no.6:24-30 '60. (MIRA 14:12)

1. III kafedry terapii (zav. chlen-korrespondent AMN SSSR prof. I.A. Kassirskiy) i II kafedra terapii (zav. prof. B.Ye.Votchal) TSentral'-nogo instituta usovershenstvovaniya vrachey.  
(AMINOPHYLLINE)

86748

*9.6/50*S/120/60/000/006/023/045  
E032/E314AUTHORS: Pavlenko, V.A., Rafal'son, A.E., Slutskiy, M.Ye.,  
Tsveyman, G.A. and Shutov, M.D.TITLE: Radio-frequency Mass Spectrometer for the Analysis  
of the Ionic and Molecular Composition of the Upper  
Layers of the AtmospherePERIODICAL: Pribory i tekhnika eksperimenta, 1960, No. 6,  
pp. 89 - 95TEXT: A brief description is given of a mass spectrometer  
designed for studying the ionic and molecular composition of  
the atmosphere. The mass spectrometer incorporates a non-  
magnetic radio-frequency analyser which separates ions according  
to mass, depending on the increase in the energy in electrical  
high-frequency fields. The instrument was designed to record  
mass spectra in the mass ranges 1-4 and 12-56. The basic  
circuit of a 5-stage analyser used in the mass spectrometer  
is shown in Fig. 2. It is based on the selective properties  
of three-grid assemblies in which the energy of the positive  
ions having different m/e ratios is increased by different  
amounts, depending on the value of this ratio. All three

Card 1/7

86748

S/120/60/000/006/023/045  
E032/E314

✓

Radio-frequency Mass Spectrometer for the Analysis of the Ionic and Molecular Composition of the Upper Layers of the Atmosphere

plane-parallel grids are kept at a negative accelerating voltage  $U_p$ . In addition, the middle grid is given a further high-frequency voltage. Positive ions entering the analyser from the atmosphere are accelerated by  $U_p$  and, on entering

the high-frequency field, are given different energy increments depending on their mass. The maximum energy increments are received by the so-called "synchronous" ions, which pass through the first grid when the phase of the high-frequency voltage is  $46^\circ$  and the central grid when the field changes sign. The mass of these ions  $M$  is given by:

$$M = 0.266U_p^2/f^2S^2$$

where  $U_p$  is the accelerating negative voltage,  
 $f$  is the frequency in Mc/s, and  
 $S$  is the distance between the grids in cm.

Card 2/7

86748

S/120/60/000/006/023/045  
E032/E314

Radio-frequency Mass Spectrometer for the Analysis of the Ionic and Molecular Composition of the Upper Layers of the Atmosphere

A positive delay voltage  $U_d$  ensures that the collector receives only the "synchronous" ions. An increased resolution of the analyser and the minimum level of "harmonic" masses are reached with a number of three-grid stages in series, with the distances between the middle grids corresponding to 5-9-4-7 periods of the high-frequency voltage. The analyser is equipped with a demountable ion source which is enclosed in an evacuated glass envelope. When a molecular analysis is required the glass envelope can be broken by remote control, using a special breaker attached to the device. The gas entering the analyser is ionised in the ion source by electrons emitted by a hot cathode and the ions are extracted by two grids kept at a small negative voltage. Single-row grids of tungsten wire,  $12 \mu$  in diameter, wound with a step of  $0.4$  mm, were used in the analyser.

The power consumed by the cathode did not exceed 0.75 W.

Card 3/7

86748

S/120/60/000/006/023/045  
E032/E314

Radio-frequency Mass Spectrometer for the Analysis of the Ionic and Molecular Composition of the Upper Layers of the Atmosphere

The instrument has the following characteristics:

1. Mass range I) 1 - 4, II) 12 - 56
2. Resolution (full width at full height) 50
3. Range of working pressures in the analyser in the  $10^{-4}$  -  $10^{-6}$  mm Hg case of the analysis of molecular composition
4. Partial sensitivity in the analysis of molecular composition (argon)  $5 \cdot 10^{-9}$  mm Hg
5. Duration of 1 cycle of automatic sweep through the mass range 3 sec

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Card 4/7

86748

S/120/60/000/006/023/045

EO32/E31<sup>4</sup>

Radio-frequency Mass Spectrometer for the Analysis of the  
Ionic and Molecular Composition of the Upper Layers of the  
Atmosphere

6.	Dynamic range of ion current amplifier	$10^5$
7.	Supply voltage	$27.5 \text{ V} \pm 10\%$
8.	Power consumed	6 W
	a) molecular analyser	5.3 W
	b) ion analyser	
9.	Working temperature range	-40 to +40 °C
10.	Dimensions:	
	measuring block of the analyser (without ion source)	$210 \times 90 \times 70 \text{ mm}^3$
	ion source	$\ell = 270 \text{ mm}, \varnothing 50 \text{ mm}$ $\ell = 140 \text{ mm}, \varnothing 50 \text{ mm}$
11.	Weight of measuring block	1.2 kg
12.	Weight of analyser with the electrometric stage and ion source	2.1 kg
13.	Specific weight of measuring block	1.2 ,

86748

S/120/60/000/006/023/045  
E032/E314

Radio-frequency Mass Spectrometer for the Analysis of the Ionic and Molecular Composition of the Upper Layers of the Atmosphere

Basic circuits are given of the high-frequency oscillator (Fig. 5), sawtooth voltage generator (Fig. 6), switching circuit (Fig. 7) and DC converter (Fig. 8). These circuits are partly transistorised and employ miniaturised components (see above table for dimensions). All the input voltages are stabilised to within  $\pm 0.2\%$ , when the supply voltage changes by  $\pm 1.0\%$ . The mass spectrometer feeds into the telemetric system the following data:

- 1) voltage at the outputs of the ion current amplifier (mass spectrum);
- 2) high-frequency voltage;
- 3) emission current of the cathode in the ion source, and
- 4) supply voltage (27.5 V).

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Card 6/7

86748

S/120/60/000/006/023/045

E032/E31<sup>4</sup>

Radio-frequency Mass Spectrometer for the Analysis of the  
Ionic and Molecular Composition of the Upper Layers of the  
Atmosphere

Instruments of this type were used on rockets to study  
the ionic and molecular composition of the atmosphere.  
There are 8 figures and 5 references: 2 Soviet and  
3 English.

ASSOCIATION: Spetsial'noye konstruktorskoye byuro  
analiticheskogo priborostroyeniya  
(Special Design Bureau for Analytical  
Instrument Construction)

SUBMITTED: October 15, 1959

✓

Card 7/7

ACCESSION NR: AP4003738

S/0293/63/001/002/0296/0302

AUTHOR: Slutskiy, M. Ye.; Zarkhin, B. I.; Pushkina, M. A.

TITLE: Miniaturized broadband electrometer amplifier

SOURCE: Kosmicheskiye issledovaniya, v. 1, no. 2, 1963, 296-302

TOPIC TAGS: dc amplifier, transistorized amplifier, mass spectrometer, spaceborne miniaturized amplifier, broadband measuring amplifier, miniaturized measuring amplifier

ABSTRACT: An improved high-sensitivity transistorized d-c amplifier, specially designed for use in mass spectrometers, is described. Its basic specifications are as follows: 1) range of measured positive-polarity currents,  $10^{-11}$  to  $10^{-14}$  amp; 2) relative error,  $\pm 3\%$ ; 3) time constant of the input circuit, 0.01 sec; 4) input impedance,  $10^{12}$  ohm; 5) voltage fluctuation at the output, 7—8 mv; 6) range of operating temperatures, -40 to +60°C; 7) d-c power supply, 14  $\pm 2$  v; 8) power consumption, 0.5 w; 9) weight, 300 g; and 10) overall size, 100 x 50 x 50 mm. The amplifier uses one vacuum tube, an I-1-type electrometric pentode with a high voltage gain at a low level of grid

Card 1/2

ACCESSION NR: AP4003738

current. The power supply of the amplifier circuits is effected by a transistorized inverter operating at 8-10 kc. The high converter efficiency (up to 85%) ensures voltage stability within 0.1% in the feedback transformer windings of the inverter, with primary voltage stabilization by means of a three-stage transistorized ~~amplifier~~. The d-c amplifier is placed in a thin-walled steel housing which protects it from the interference of electric and magnetic fields. The described amplifier is recommended for use in rockets and artificial earth satellites. Orig. art. has: 7 figures.

ASSOCIATION: none

SUBMITTED: 07Jan63

DATE ACQ: 26Dec63

ENCL: 00

SUB CODE: GE

NO REF SOV: 006

OTHER: 001

Card 2/2

ZARKHIN, B.I.; PUSHKINA, M.A.; SLUTSKIY, M.Ye.

Electrometric amplifier. Prib. i tekhn. eksp. 8 no.4:90-94  
Jl-Ag '63. (MIRA 16:12)

1. Spetsial'noye konstruktorskoye byuro analiticheskogo  
priborostroyeniya AN SSSR.

L 4895-66

ACC NR: AP5027022

SOURCE CODE: UR/0120/65/000/005/0117/0120

AUTHOR: Slutskiy, M. Ye.

//  
8

ORG: SKB of Analytical Instrument Construction, AN SSSR, Leningrad (SKB analiticheskogo priborostroyeniya AN SSSR)

TITLE: Electrometric amplifier

SOURCE: Pribory i tekhnika eksperimenta, no. 5, 1965, 117-120

TOPIC TAGS: electrometer, electronic amplifier, dc amplifier

ABSTRACT: A four-stage d-c electrometer amplifier designed for laboratory use is described. Measurement capabilities include a current range of  $1 \times 10^{-15}$  to  $3 \times 10^{-8}$  amp, a voltage range of 1 mv to 30 v, and resistances of up to  $10^{16}$  ohm. Special care in the design of the power supply and input pentode stage has resulted in a zero drift no worse than 1 mv/20 min. The circuitry is permalloy shielded, hermetically sealed, and temperature controlled, so that specified performance is maintained over line voltage variations of -15 to +10%, temperatures of -20 to +50C, and high ambient humidity. Assembly details and a schematic are included. Orig. art. has: 2 figures.

[SF]

SUB CODE: EC/ SUBM DATE: 23Sep64/ ORIG REF: 004/ ATD PRESS: 4135

EC

Card 1/1

UDC: 621.375:621.317

000-00000

L 5041-66 FSS-2/EWT(1)/FS(v)-3/FCC/EHA(h)/ETC(m) IJP(c) IT/NW/GW

ACC NR: AP5026057

SOURCE CODE: UR/0293/65/003/C05/0768/0781

AUTHOR: Zarkhin, B. I.; Istomin, V. G.; Rafal'son, A. E.; Slutskiy, M. Ye.  
44,55 44,55 44,55

ORG: none

TITLE: Radio frequency mass spectrometer 21,44,55 for the Electron satellites 72  
23

SOURCE: Kosmicheskiye issledovaniya, v. 3, no. 5, 1965, 768-781

TOPIC TAGS: spectrometer, mass spectrometer, satellite/Electron satellite 12

ABSTRACT: Mass spectrometer data on the ionosphere has to date been obtained mostly at limited altitudes and for constituents with low mass numbers. The Electron satellites have been equipped with new rf mass spectrometers in order to achieve a more complete analysis of particles at altitudes above 1000 km than has yet been reported. The spectrometer, designated MKh-6405, is installed in slightly differing forms on the Electron satellites and is capable of discriminating ionic or neutral particles up to a mass number of 34. An overall view is shown in Fig. 1. An ion source is included for initial calibration. For this purpose, the analyzer is filled with a control mixture of 35% H<sub>2</sub>, 35% He, 25% Ne, and 5% Ar at a total pressure of  $1 \times 10^{-5}$  mm Hg. A low-energy electron gun provides the desired ionization of the control mixture.

Card 1/5

UDC: 621.384.8:525.7

09010136

L 5041-66

ACC NR: AP5026057

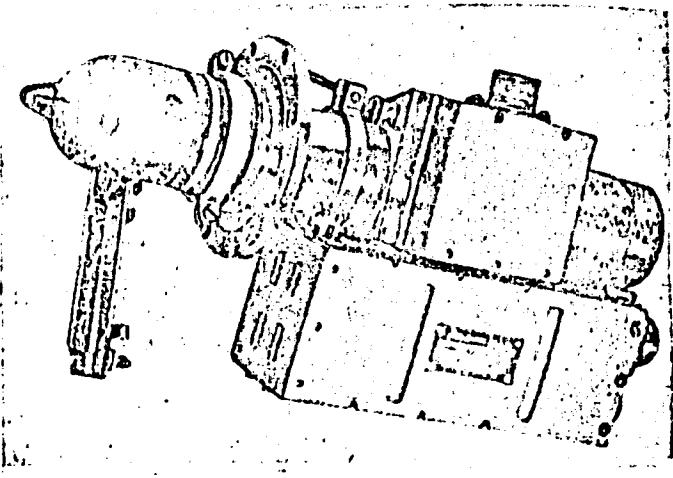


Fig. 1. Overall view of the MKh-6405

In operation, the analyzer envelope is punctured on in-flight command, opening it to the atmosphere. The main features of the analyzer portion are shown in Fig. 2, including the

Card 2/5

L-5041-66

**ACC NR: AP5026057**

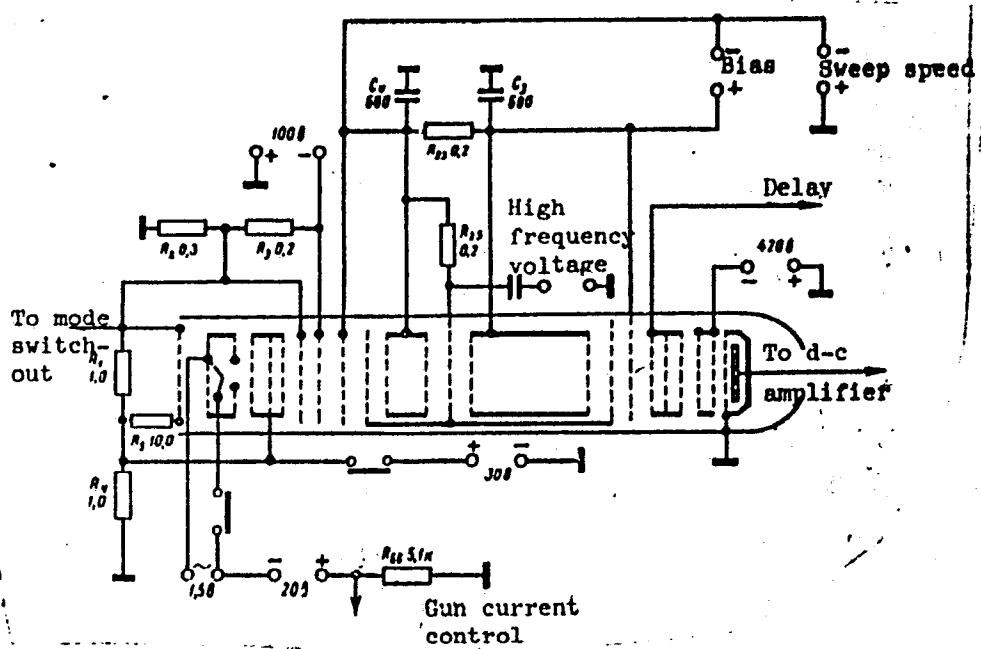


Fig. 2. Analyzer section of the MKh-6405

Card 3/5

L 5041-69  
ACC NR: AP5026057

electron gun and accelerating grids. For ion analysis, the gun is switched off, and a potential of -60 v is applied to the input grids; for neutral particle analysis, a potential of +30 v is applied to the grids, thus excluding atmospheric ions. The electronic subassemblies which generate the mass discriminating modes for the analyzer are described; these include an ion current amplifier, high-frequency oscillator, saw-tooth sweep generator, switching unit, and a stabilized power supply. Both transistors and ruggedized monolithic subminiature tubes are used. The ion current amplifier provides output at three sensitivities, in the ratio of 0.08:1:10, to telemetry channels. Other pertinent specifications of the spectrometer and its analyzer portion are given in the accompanying table.

Spectrometer:

Mass ranges, 1-2 and 4-34 amu  
Detection sensitivity, average mass ion, 10 ions/cm<sup>3</sup>  
Duration of mass range sweep, 3 sec  
Power drain, ion analysis mode, 3 w  
Weight, 2 kg

Analyzer:

Number of selector stages, 3  
Number of cycles in the stages, 2-7  
Grid spacing, 4 mm  
Grid mesh, 0.4 mm  
Diameter of input port, 25 mm

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L 5041-66

ACC NR: AP5026057

Frequency for the 1-2 amu range, 16.3 Mc  
Frequency for the 4-34 amu range, 4.08 Mc  
Diameter, 50 mm  
Length, 300 mm  
Weight, 0.8 kg

Orig. art. has: 2 tables and 11 figures.

[SH]

SUB CODE: OP, SV/ SUBM DATE: 02Jun64/ ORIG REF: 012/ OTH REF: 004 ATD PRESS:  
*4132*

PC

Card 5/5

ACC NR: 44601100

SOURCE CODE: UR/0293/66/004/003/0457/0462

AUTHORS: Pavlenko, V. A.; Zarkhin, B. I.; Rafal'son, A. E.; Slutskiy, M. Ye.

ORG: none

TITLE: H-sensitivity radio-frequency mass spectrometer for investigating the ionic and neutral composition of the upper atmosphere

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 3, 1966, 457-462

TOPIC TAGS: mass spectrometer, upper atmosphere, atmospheric sampling / MKh6407M mass spectrometer

ABSTRACT: An MKh6407M high-sensitivity radio-frequency mass spectrometer, intended for analyzing the ionic and neutral composition of the upper atmosphere, is described. The device is characterized by high partial sensitivity, power requirements of 3 w for the ion analysis mode of operation and 5 w for the neutral analysis mode, and small size (2.5 kg). The spectrometer consists of two analyzers, one for the range 1 - 4 amu and the other for 12 - 50 amu, and the electronic unit. The partial sensitivity of the light mass analyzer to H<sub>2</sub> is  $3 \times 10^{-11}$  mm Hg and that of the medium mass analyzer to A is  $1 \times 10^{-11}$  mm Hg. The form of the analyzer is shown in Fig. 1. The basic circuit of the analyzer and a block diagram of the spectrometer are also presented and discussed.

Card 1/2

UDC: 621.384.8:551.535.4

L 24807-66

ACC NR: AP6019599

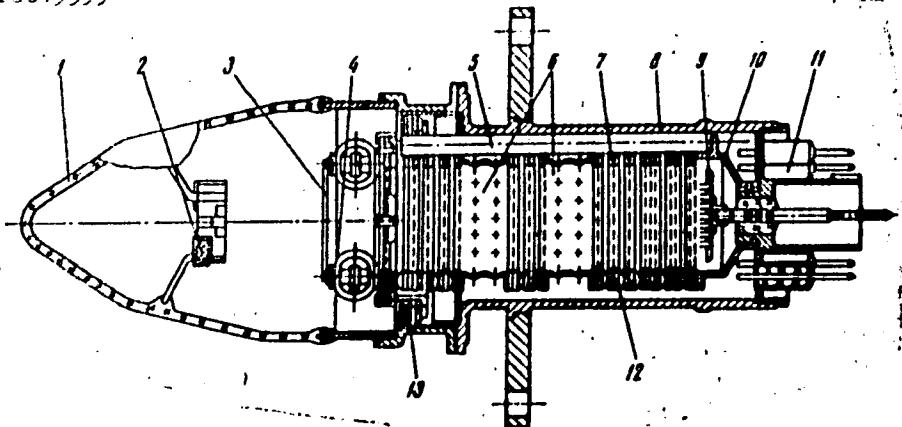


Fig. 1. Analyzer in section. 1 - glass nipple; 2 - getter; 3 - suppressor-grid; 4 - ion source cylinder; 5 - ceramic rod; 6 - drift spaces; 7 - grid; 8 - case; 9 - collector; 10 - collector screen; 11 - base; 12 - packing ring; 13 - securing spring.

Typical spectra are shown, and the basic characteristics of the mass spectrometer are listed. Orig. art. has: 5 figures. [04]

SUB CODE: 04,14/ SUBM DATE: 24Aug65/ ORIG REF: 004/ ATD PRESS: 5030

Card 2/2 80

ACC-NR: APMU165141

SOURCE-CODE: UR/0057/66/036/006/1132/1136

AUTHOR: Slutskiy, M.Ye.; Tsigel'man, G.Ye.

ORG: none

TITLE: Decrease of the background currents in a radio frequency mass analyzer

SOURCE: Zhurnal tehnicheskoy fiziki, v. 36, no. 6, 1966, 1132-1136

TOPIC TAGS: mass spectrometer, high frequency, background current

ABSTRACT: The authors have investigated the background currents in the 3-stage 9-cycle Bennet type rf mass spectrometer diagrammed in the figure and described in more detail elsewhere by M.Ya.Shcherbakova (Avtoreferat dissertatsii. Sibirskoye otd. AN SSSR, Novosibirsk, 1960). In the figure, 1 represents the ion source, 2, the analyzing stages, and 5, the ion collector, shielded by the grounded housing 6. The triple grid 3 served to cut off the nonresonance ions. The grid 4 was maintained at a higher negative potential than the maximum accelerating potential to prevent secondary electrons produced in the region between the ion source and grid 4 from reaching the collector. All the grids were made by covering 2 cm diameter openings with 12 micron diameter tungsten wires on a 0.2 mm spacing. The distance between the selecting stages 2 was 4 mm. The background currents were due 1) to secondary electrons ejected from grid 4 by resonance ions; 2) to photoelectrons ejected from grid 4

UDC: 539.1.07

Card 1/2

L 41232-65

ACC NR: AP6018744

by photons from the excited gas in the ion source; 3) to secondary processes in collisions of ions with gas molecules and with surfaces; and 4) to bombardment of the grid by fast neutral molecules arising in charge exchange collisions. Process 3) was the most significant at low pressures (below  $5 \times 10^{-6}$  mm Hg), and process 4), at high pressures. Under typical conditions the background current was  $4 \times 10^{-10}$  A when the useful signal was  $5 \times 10^{-8}$  A. To reduce the negative background current due to secondary electrons ejected from the collector by fast neutral atoms, a grid was mounted between grid 4 and the collector and maintained at an experimentally determined optimal potential. It was possible thus to reduce that component of the background to a negligible value. The influence on the signal of variations of the potentials of grids 3 and 4 was minimized by installing a double grounded grid before the collector. The variation of the background current with rf potential, pressure, and the nature of the gas ( $N_2$  or a mixture of Ar, Ne, He, and  $H_2$ ) is presented graphically. Measurements of the background currents of a large number of spectrometers showed that the backgrounds did not vary by more than a factor of 2 when the instruments were carefully cleaned, but that contamination of the spectrometer could considerably increase the background.

Orig. art. has: 3 formulas and 3 figures.

SUB CODE: 20,09 / SUBM DATE: 22Jul65 / ORIG. REF: 001 / OTH REF: 002

Card 2/2 r/n L 1

1. MOROZOV, G. A., SLUTSKIY, M. I.; etc.
2. USSR (600)
4. Leont'yev, I. I.
7. Book on the production of curved chairs, Production of curved chairs from conifer and deciduous lumber. I. I. Leont'yev. Reviewed by Engs. G. A. Morozov, M. B. Slutskiy. Der. i iesokhim. prom. l no. 9, 1952
9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

SLUTSKIY, N.P.

Conference on standardization in Donetsk, Standartizatsia  
28 no.1:56 Ja '64. (MIRA 17:1)

GORA, Aleksey Tikhonovich [Hora, O.T.], kand. istor. nauk; SLUTSKY, O.B. [Sluts'kyi, O.B.], otv. red.; GOLOVKO, N.O. [Holovko, N.O.], red.; MATVIICHUK, O.A., tekhn. red.

[Labor contribution of the Ukrainian people to the building of socialism] Trudovyi vklad ukrains'koho narodu v pobudovu komunizmu. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politichnykh i naukovykh znan' Ukrains'koi RSR. Ser.1, no.24) (MIRA 15:2)

(Ukraine--Labor and laboring classes)

SIUTS'KYI, Aleksandr Borysovich

[The laboring class in the Ukraine in the struggle to  
lay the foundation of the socialist economy] Rabochii  
klass Ukrayny v bor'be za sozdanie fundamenta sotsiali-  
sticheskoi ekonomiki, 1926-1932 gg. Kiev, AN Ukr.SSR,  
1963. 501 p. (MIRA 16:11)  
(Ukraine--Labor and laboring classes)  
(Ukraine--Economic conditions)

ЛЯПИКИ, В.А.; СУТЫКЕ, В.С.

Interaction between N-triphenylmethylglycine and transfer RNA.  
Biokhimiia 30 no.5:1032-1036 S-6 '75.

(MIRA 13:10)

1. Institut radiatsionnoj i fiziko-khimicheskoj biologii AM SSSR,  
Moskva.

GARTSMAN, B.M., kand. ekon. nauk; Prinimal uchastiye SLUTSKIY, P.S., kand.  
ekon.nauk

Ways of developing the structural ceramics industry in the U.S.S.R.  
Trudy NIISTroikeramiki no.21:3-20 '63. (MIRA 17:2)

SIUTSKIY, R.L.; LESHCHUK, A.Ye.; MUSIYENKO, I.M.

Laboratory tests of yeast separators. Gidroliz. i lesokhim. prom.  
11 no. 4:17-18 '58. (MIRA 11:6)

1. Krasnoyarskiy gidroliznyy zavod  
(Yeast) (Separators (Machines)--Testing)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651410019-3

SIXIGENI, S., kand. ekonom. nauk

work organization in the overall automation and mechanization  
of ships. Prez. trants. 23 no. 16(47) p. 10.

(MIA 17:12)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651410019-3"

SLUTSKIY, S., kand.ekonom.nauk

Quantitative evaluation of the basic factors in the growth of  
labor productivity and the cost reduction of river transportation.  
Rech.transp. 21 no.7:12-15 J1 '62. (MIRA 15:8)  
(Inland water transportation—Accounting)

SLUTSKIY, S.

Planning the increase of labor productivity in water transportation. Sots. trud 7 no.10:45-46 0 '62. (MIRA 15:10)

(Shipping--Labor productivity)

SLUTSKIY, S.; SHAPOSHNIKOV, Ye.

Selecting a work organization diagram for river craft crews with  
the aid of electronic calculating machines. Biul. nauch. inform.:  
trud i zar. plata 5 no.4:13-19 '62. (MIRA 16:1)  
(Inland water transportation)  
(Electronic calculating machines)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651410019-3

1. (b) (1), (2), (3), (4), (5), (6), (7)(B)

2. (b) (1), (2), (3), (4), (5), (6), (7)(B), (8)(A), (9)(B)  
3. (b) (1), (2), (3), (4), (5), (6), (7)(B), (8)(A), (9)(B)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651410019-3"

SLUTSKIY, S., kand.ekonom.nauk; SHAPOSHNIKOV, Ye., kand.tehn.nauk;  
MEL'NIKOV, A., inzh.

Length of the working day for the navigating personnel in summer  
and during periods between navigations. Rech. transp. 22 no.11:  
20-21 N '63. (MIRA 16:12)

LASHAVER, S.M.; SIUTSKIY, S.B.

Furniture making in specialized factories. Dor.prom. 5 no.3:25-27  
Mr '56. (Furniture industry) (MLRA 9:7)

SLUTSKIY, S.B., inzhener.

"Principles of interchangeability in the woodworking industry."  
I.V. Kulikov. Reviewed by S.B. Slutskii. Der. prom. 5 no.10a25  
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(Interchangeable mechanism)  
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GORBUNOV, Nikolay Ivanovich, inzh.; SLUTSKIY, S.B., red.; SARMATSKAYA, G.I.,  
red.izdatel'stva; BRATISHKO, L.V., tekhn.red.

[Selection of veneer for facing furniture] Podbor fenery dlja obli-  
tsovki mebeli. Moskva, Goslesbumizdat, 1957. 94 p. (MIRA 10:12)  
(Veneers and veneering)

ROMANOV, Nikolay Trofimovich, kand.tekhn.nauk; SLUTSKIY, S.B., red.;  
SHAKHOVA, L.I., red.izd-va; SHITS, V.P., tekhn.red.

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(Automation) (Woodworking industries)

SLUTSKIY, Samuil Borisovich; BURKOV, V.I., red.; SHAKHOVA, L.I., red.  
izd-va; KORNYUSHINA, A.S., tekhn.red.

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period from 1959 to 1965] Perspektivy razvitiia mebel'noi pro-  
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(MIRA 13:10)  
61 p.

(Furniture industry)

AVETIKOV, Aram Leonovich; SLUTSKIY, S.B., nauchnyy red.; GURIN, A.V.,  
red.; TOKER, A.M., tekhn.red.

[Filling materials and fabrics for upholstered furniture]  
Miagkie elementy mebeli. Moskva, Vses.uchebno-pedagog.izd-vo  
Proftekhizdat, 1960. 121 p.  
(Upholstery) (MIRA 13:12)

YUFA, M.A.; SLUTSKIY, S.B., red.

[Furniture manufacture; bibliography of Soviet and foreign literature of 1958-1960 (first half year)] Proizvodstvo mebeli; bibliograficheskii ukazatel' otechestvennoi i inostrannoi literatury za 1958-1960 gg. (pervoe polugodie). (MIRA 15:5) Moskva, 1960. 144 p.

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(Bibliography--Furniture)

S/081/61/000/019/081/085  
S103/B147

AUTHORS: Slutskiy, S. R., Layevskaya, T. I., Reznichenko, Ye. Ya.

TITLE: Experience with nailit HT(NT)

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1961, 520, abstract  
19F295 (Kozhevenno-Obuvn. prom-st', no. 4, 1960, 26-27)

TEXT: During the operation with chloroprene rubber polymerizing at low temperatures (nailit NT) (I) and perfectly substituting gutta percha, it was found that its technological properties were directly related with the index of plasticity. The plasticity according to Karrer was determined by changing the method of preparing the samples (mechanical mastication was replaced by thermo mastication thus giving standard samples with smooth surface). The index of plasticity of I is directly related to its hardness and its capacity of being rolled, as well as to its solubility, viscosity of solutions, and binding property. I with a plasticity  $\geq 0.15$  can be easily rolled. I with a plasticity of 0.20-0.35 gives glues with excellent binding properties at normal viscosity and concentration. When rolling I with a plasticity of 0.18-0.35, the time of

Card 1/2

Experience with nailit HT (NT)

S/CS1/61/000/019/081/085  
B103/B147 ✓

mastication can be reduced from 50-60 to 20-25 min. There is no noticeable relationship between tensile strength of I and binding property of glue from it. [Abstracter's note: Complete translation.]

Card 2/2

DERBAREMDIKER, M.L.; ZURABYAN, K.M.; LAYEVSKAYA, G.I.; LITVINOV, M.R.;  
METELKIN, A.I.; SLUTSKIY, S.B.; SUCHKOV, V.G.

Production of Russian leather and of footwear manufactured with the  
hot vulcanization method. Kozh.-obuv.prom.3 no.3:17-20 Mr '61.  
(MIRA 14:6)

(Shoe manufacture)  
(Leather)

AFANASYEV, A.A.; SLUTSKIY, S.E.; TOLCHKO, V.I.; Prinimali uchastive:  
KRASNOPOL'SKIY, G.G., inzh.; TARATINSKIY, M.G., inzh.; TEFLITSKAYA,  
K.O., inzh.

Using pig insole leather for sock lining of Russian leather foot-  
wear. Kozh.-obuv.prom. 3 no.7:18-21 J1 '61. (MIRA 14:9)  
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BUGLAY, Boris Martynovich, prof., doktor tekhn.nauk; SLUTSKIY, S.B.,  
inzh., retsenzent; VLADYCHINA, Ye.N., red.; SEDOVA, Z.D.,  
red. izd-va; GREGHISHCHEVA, V.I., tekhn. red.

[Technology of wood finishing] Tekhnologiya otdelki drevesiny.  
Moskva, Goslesbumizdat, 1962. 349 p. (MIRA 16:3)  
(Wood finishing)

MOKOZOV, Nikolay Aleksandrovich, kand. tekhn. nauk; USHERENKO,  
Zinoviy Izrailevich, inzh.; SLUTSKIY, S.B., red.; BOYKO,  
L.I., red.izd-va; KAZANSKAYA, L.l., tekhn. red.

[Manufacture of bent and glued furniture] Proizvodstvo  
gnutokleenoi mebeli. Moskva, Goslesbumizdat, 1963. 178 p.  
(MIRA 17:1)

MINAYEV, I.A.; SLUTSKIY, S.M.

Erroneous principles expressed in L. I. Zamakhovskii's article.  
Tekst. prom. 18 no.6:65-66 Je '58. (MIREA 11:7)  
(Cotton spinning)

MYATLEVA, Anfisa L'vovna; SLUTSKIY, S.M., red.; GOSPODARSKAYA,  
T.N., red.izd-va; SHIBKOVA, R.Ye., tekhn. red.

[Built-in furniture] Vstrocennaia mebel'. Moskva, Gosles-  
tumizdat, 1963. 143 p. (MIRA 16:11)  
(Built-in furniture)

MATSIYEVSKIY, G.A.; EYDINOV, I.L.; SLYUTSKIY, S.S.

Automatic chromatographic collector. Med. prom. 14 no.5:44-46  
My '60. (MIRA 13:9)

1. Leningradskiy khimiko-farmaceuticheskiy institut.  
(CHROMATOGRAPHIC ANALYSIS)

SIUTSKIY, S. S.

SIUTSKIY, S.S.

Shipping - Moscow-Volga Canal

Problems in organizing steam-navigation traffic on the Moscow-Volga  
Canal. Rech. transp. 12, No. 3, 1952.

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SLUTSKIY, S., kandidat ekonomicheskikh nauk.

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Mor. i rech.flot 14 no.11:4-7 N '54. (MLA 7:11)

1. TeNILEVT.  
(Merchant seamen) (Wages)

SIUTSKIY, S., kandidat ekonomiceskikh nauk.

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(Shipping)

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[RIVER transportation in the U.S.S.R. at the 40th anniversary of the Great October Socialist Revolution] Rechnoi transport SSR k sorokalenniu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii; lektsii. Moskva, Mosk.basseinovoe nauchno-tekhn.obshchestvo vodnogo transportsa, 1957. 34 p.

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SLUTSKIY, S.S., kandidat ekonomicheskikh nauk.

Create a stock of cars for a railroad car exchange system in  
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(Harbors) (Cargo handling) (Railroads--Freight cars)

SLUTSKIY, S., kand.ekonom.nauk, starshiy nauchnyy sotrudnik.

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1. Otdel ekspluatatsii TSentral'nogo nauchno-issledovatel'skogo instituta ekonomiki i ekspluatatsii vodnogo transporta.  
(Railroads--Freight cars) (Harbors)

СОВЕТСКИЙ СОЮЗ Радиодифракционный институт МГУ им. М.В.Ломоносова  
Институт технических наук.

Improving combined waterway and railroad transport in the  
Volga-Kama Basin. Zhel. дор. транс. № 20-24 J1 '52.  
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SLUT'SKIY, S.S., kand.ekon.nauk

"Economics of transportation" by A.E. Gibshman and others. Reviewed  
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(Transportation) (MIRA 11:10)  
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SLUTSKIY, S.S., kand. ekon. nauk; MALYARCHUK, G.S., kand. ekon. nauk.

Lower the costs of loading and unloading operations at transshipment ports. Rech. transp. 17 no.12:12-16 D '58. (MIRA 12:1)  
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1. Tsentral'nyy nauchno-issledovatel'skiy institut ekonomiki i  
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(Inland water transportation--Employees)  
(Wage payment systems)

SLUTSKIY, S.

Improving the bonus system for river-fleet workers. Biul. nauch.  
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SLUTSKIY, S.S., kand.ekonom.nauk; VVEDENSKIY, K.A., inzh.

Methods of distributing harbor-pier expenditures. Rech.transp.  
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SLUTSKIY, S.S., kand.ekonom.nauk; PILIPCHUK, A.I., nauchnyy sotrudnik;  
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A.I., inzh.; TEREKHOVA, Z.S., tekhnik; SIDOROVA, L.N., tekhnik;  
ISSERLIS, I.I., tekhnik; KRAVCHENKO, A.I., inzh. POSTNIKOV,  
S.A., inzh., red.; ZHULIN, V.K., otv. za vypusk; POKHLUBKINA,  
M.I., tekhn.red.

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1. Moscow. TSentral'nyy nauchno-issledovatel'skiy institut  
ekonomiki i eksploatatsii vodnogo transportsa. 2. TSentral'nyy  
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Isserlis). 3. Institut kompleksnykh transportnykh problem AN SSSR  
(for Antonov, Malyarchuk, Kravchenko).  
(Cargo handling)

KURTSMAN, L.; SLUTSKIY, S.

Establishing norms for time-consuming work of production personnel  
servicing transportation. Biul.nauch.inform.; trud i zar.plata  
3 no.6:20-26 '60. (MIRA 13:6)  
(Inland water transportation--Production standards)

SLUTSKIY, S.

Method for planning labor productivity in river transportation.

Biul. nauch. inform.: trud i sər. platə 4 no.12:3-9 '61.

(MIRA 15:1)

(Inland water transportation--Labor productivity)

SLUTSKIY, S., kand.ekon.nauk, starshiy nauchnyy sotrudnik

Methods of planning labor productivity in transportation. Mor.flot  
21 no.5:6-9 My '61. (MIRA 14:5)

1. Tsentral'nyy nauchno-issledovatel'skiy institut ekonomiki i  
ekspluatatsii vodnogo transporta.  
(Shipping--Labor productivity)

SLUTSKIY, S.S., kand. ekonom. nauk

[Work organization on ships with overall mechanization and automation]. Organizatsiia truda na sudakh s kompleksnoi mekhanizatsiei i avtomatizatsiei. Moskva, Transport, 1965. 97 p. (Moscow. TSentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta. Trudy, no.38) (MIRA 18:12)

SLUTSKY, S. V.

✓ 5718 Production of a shoe with microporous sole and heel by hot vulcanisation under pressure.  
S. Y. SLUTSKY, O. B. LASHKAYA, E. V. TEPERNUK,  
E. Ya. REZNICHENKO, A. I. BOGDANOVSKIY, and  
Z. Sh. NIKRATOVSKIY Legk. Prom. 1936, No. 1  
U.S.S.R. Reford EA K-141 1957, No. 15149. The  
mixture based on 4K8 (a mixture of rubber latex and  
other synthetic resins) and the curing agent  
as a vulcanising agent is applied to the sole under  
pressure of 16 kg/cm<sup>2</sup>, and a compact layer is  
formed as the tread; the thickness is regulated by  
periodic application of pressure and then the  
pressure is gradually released and pore formation  
takes place in 6 min. Full curing of the adhesive  
layer and the sole is impeded by bond strength of  
the sole to the upper part 1 mm under pressure  
The total time of vulcanization is 30 min at 175°C  
142D21M1 1166X10E2135

4624 (4)

2 May

1/1

SLUTSKIY, S.Ya.

Specialization of sanatoriums of the Ministry of Public Health of  
the R.S.F.S.R. Zdrav.Ros.Feder. l no.5:18-21 My '57. (MIRA 10:11)

1. Iz Glavnogo upravleniya kurortov, sanatoriyev i domov otdykh  
Ministerstva zdravookhraneniya RSFSR.  
(SANATORIUMS)

POBEREZHNYYKH, V.I.; SLUTSKIY, S.Ya.

Public review of the health resorts, sanatoriums, and rest homes  
of the R.S.F.S.R. Vop.kur., fizioter.i lech.fiz.kul't. 25 no.1:  
83-84 '60. (MIRA 13:5)  
(HEALTH RESORTS, WATERING PLACES, ETC.)

SLUTSKIY, S.

All-Russian conference on research and practice on climatherapy at  
health resorts, in sanatoriums and rest homes. Vop. kur. fizioter.  
i lech. fiz. kul't. 25 no. 3:276-279 My-Je '60. (MIRA 14:4)

1. Nachal'nik lechebno-profilakticheskogo otdela Glavkursamupra  
Ministerstva zdravookhraneniya RSFSR.  
(CLIMATOLOGY, MEDICAL)

SLUTSKIY, S.

Mass vacation towns. Okhr.truda i sots.strakh. 4 no.7:41 Jl '61.  
(MIRA 14:7)

1. Zamestitel' zaveduyushchego lechebno-profilakticheskim otdelom  
TSentral'nogo kurortnogo upravleniya profsoyuzov.  
(Crimea--Health resorts, watering places, etc.)

SLUTSKIY, S.Ya.

All-Union public inspection of the work of sanatoriums, health resorts, and rest homes. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 2:180-182 Mr-Ap '61. (MIRA 14:4)

1. Zamestitel' zaveduyushchego lechebno-profilakticheskim otdelom TSentral'nogo kurortnogo upravleniya profesoyuzov. (HEALTH RESORTS, WATERING PLACES, ETC.)...  
(SANATORIUMS) (LABOR REST HOMES)

KOMISSAROVA, Margarita Gur'yevna; IOLTORANOV, Vladimir Vladimirovich;  
SLUTSKIY, Semen Yakovlevich; KOZLOV, I.I., red.; BLOKHIN, N.N.,  
red.; AMDREYEVA, L.S., tekhn. red.

[Health resorts of trade unions in the U.S.S.R.] Zdravnitsy  
profsoiuзов SSSR; spravochnik. Moskva, Izd-vo VTsSPS Prof-  
izdat, 1962. 494 p. (MIRA 15:3)  
(HEALTH RESORTS, WATERING-PLACES, ETC.)  
(INDUSTRIAL RECREATION)

SLUTSKIY, S.

Let's put in order the selection of patients for health resorts.  
Okhr.truda i sots.strakh. 5 no.4:26 Ap '62. (MIRA 15:4)

1. Zamestitel' zaveduyushchego lechebno-profilakticheskim  
otdelom TSentral'nogo kurortnogo upravleniya profsoyuzov.  
(Labor and laboring classes—Medical care)  
(Health resorts, watering places, etc.)

KULIKOVA, L.G.; SLUTSKIY, V.A.

Thermal radiation drying of paint materials. Lakokras. mat. 1 kh  
prim. no. 2:70-75 '60. (MIRA 14:4)  
(Paint—Drying)

SLURKII, V.A., inzh.; PAVLOVA, Ye.F., inzh.; KUCHERENKO, I.A., inzh.;  
RYBCHINSKIY, O.I., inzh.; VOLYAK, G.E., inzh.

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application of the dependence in the establishment of technical  
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Developing the method for obtaining lithium fluoride. Prom. khim.  
reak. i osobo chist. veshch. no.1:16-17 '63. (MIRA 17:2)

DRANKIN, D.I.; PANAIOTTI, A.I.; SLUTSKIY, V.I.

Elimination of infectious diseases. Zhur. mikrobiol.,  
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1. Iz Novokuznetskogo instituta usovershenstvovaniya vrachey.

KALASHNIKOV, Anatoliy Mikhaylovich, major; SLUTSKIY, Veniamin Zakharovich; FOGEL'SON, B.I.; MUNVEZ-FRENKEL', I.Z.; GAYEVICH, V.N., insh.-pedpelkovnik, obshchiy red.; TIKHONOV, S.N., insh.-pelkovnik, red.; SOKOLOVA, G.F., tekhn.red.

[Principles of radio engineering and radar] Osnovy radiotekhniki i radielektroniki. Moskva, Voen.izd-vo M-va obor. SSSR. Vol.2. 1959. 375 p.  
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(Radar) (Radio)

SLUTSKIY, Veniamin Zakharovich; FOGL'SON, Boris Il'ich; LEVICHEV,  
Vladimir Grigor'yevich; YAGODIN, Oleg Gavrilovich; Prinimali  
uchastiye MUNVEZ-FRENKEL, I.Z.; STEPUK, Ya.V.; MATLIN, I.I.,  
red.; SOLOMONIK, R.L., tekhn. red.

[Fundamentals of radar and radio engineering; display units,  
rectifiers, and transistor devices] Osnovy radiotekhniki i radio-  
lokatssi; indikatory, vypriamiteli i poluprovodnikovye pribory.  
By V.Z.Slutskii i dr. Moskva, Voen.izd-vo M-va oborony SSSR, 1961.  
355 p.  
(Radar) (Radio---Equipment and supplies)

(MIRA 14:12)

KALASHNIKOV, Anatoliy Mikhaylovich; SLUTSKII, Veniamin Zakharovich;  
Prinimali uchastiye: FOGEL'SON, B.I.; MUNVEZ-FRENKEL, I.Z.,  
GAYEVICH, V.N., red.; TIKHONOV, S.N., inzh.-polkovnik, red.;  
KOKINA, N.N., tekhn. red.

[Principles of radar and radio engineering; vacuum-tube  
devices and pulse techniques] Osnovy radiotekhniki i radio-  
lokatssi; elektrovakuumnye pribory i impul'snaya tekhnika.  
Izd.2., perer. Moskva, Voenizdat, 1962. 385 p.

(MIRA 15:10)

(Radio) (Radar) (Pulse techniques (Electronics))

ZHUKOV, N.A.; MYTAREV, A.G.; PARASHOV, A.I.; SAMOYLOV, A.A.;  
SILKIN, N.P.; SLUTSKIY, Ya.L.; FROLKOV, P.F.;  
KUZNETSOVA, L.G., red.

[Centralized repair of hydraulic systems; work practice of  
the Mikhailov Regional Association of "Sel'khoztekhnika"  
of Ryazan Province] TSentralizovannyi remont gidrosistem;  
opyt raboty Mikhailovskogo raionnogo ob"edinenija "Sel'-  
khoztekhnika" Riazanskoi oblasti. Moskva, Biuro tekhn.  
informatsii, 1964. 14 p. (Feredovoi olyt i predlozheniya.  
Serija 1. Remont mashinno-traktornogo parka) (MIRA 18:5)

SLUTSKIY, Ye., inzh.

Elevated line made of prefabricated concrete. Avt.dor. 28  
no.8:30-31 Ag '65. (MIRA 18:11)

KIRSANOV, V.P.; ZHIL'TSOV, V.P.; MARSHAK, I.S.; RAZUMTSEV, V.F.; SUTSKY,  
Ye.Kh.; SHCHUKIN, L.I.

New flashtubes with high-frequency flash repetition. Usp.nauch.fot.  
(MIRA 18:11)  
9:109-114 '64.

SIUTSKIY, Ye.Ya., inzh.; CHEKALOV, M.F., inzh.

Increase the stability of bank piers and cones of medium-size  
bridges. Avt. dor. 28 no.2:27-28 F '65.

(MIRA 18:6)

GORN, A. G., inzh.; SLUTSKIY, Yu. Ya.

Laying of switches in two blocks. Transp. stroi. 13 no.4:9-11  
(MIRA 16:4)  
Ap '63.

(Railroads—Switches)

SLUTSKOV, I. K.

"Search for the Methods of Increasing the Productivity of a Card-Hackling Machine." Sub 1 Jul 47, Moscow Textile Inst

Dissertations presented for degrees in science and engineering in  
Moscow in 1947.  
*Cand. Tech Sci.*

SO: Sum.No. 457, 18 Apr 55

GINZBURG, Lev Natanovich, prof.; DVERNITSKIY, Iosif Melent'yevich, inzh.; TARASOV, S.V., retsenzent; SLUTSKOV, I.K., retsenzent; FEYMAN, I.I., retsenzent; LYASHENKOV, P.I., retsenzent; VOLGIN, A.A., retsenzent; GORDEYCHIK, G.M., red.; SOKOLOVA, V.Ye., red.; MEDVEDEV, L.Ya., tekhn.red.

[Spinning of bast fibers and the manufacture of twisted products]  
Pryadenie lubianykh volokon i proizvodstvo kruchennykh izdelii.  
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1959.  
549 p. (MIRA 12:8)

1. Kafedra pryadeniya l'na KTI (for Slutskov, Feyman, Lyashenkov,  
Volgin).

(Bast)

(Cordage)

SLUTSKOV, I.K.

Methods for mixing raw materials. Izv. vys. ucheb. zav.; tekhn. tekst.  
prom. no.5:71-77 '59 (MIRA 13:3)

1. Kostromskoy tekstil'nyy institut.  
(Textile fabrics)

SLUTSKOV, I. K.

Mixing machine units and the preparation of short flax fibers  
for spinning. Izv. vys. ucheb. zav.; tekhn. tekst. prom., no.4;  
58-62 '62. (MIRA 15:10)

1. Kostromskoy tekhnologicheskiy institut.

(Flax processing machinery)